

APPENDIX A

DATA COLLECTION INFORMATION

Mainline Camera Site Locations:

Site #	Fwy	Between	Camera Type	Date	Direction	Data
1	I-10	Ray Rd. and Chandler Blvd.	ATD	Tue, 9/11	Both	Total Volume (TV)
2	I-10	Elliot Rd. and Warner Rd.	ATD	Tue, 9/11	Both	TV, Classification (Class)
3	I-10	Broadway Rd. and US-60	ATD	Tue, 9/11	Both	TV by Lane
4	I-10	32 nd St. and 40 th St.	FMS	Tue, Wed 9/11,9/12	EB, WB	TV
5	I-17	16 th St. and 24 th St.	FMS	Tue, Wed 9/11,9/12	EB, WB	TV, Class
6	I-17	Buckeye Rd. and 19 th Ave.	FMS	Tue, Wed 9/11,9/12	EB, WB	TV
7	I-17	I-10 and Van Buren St.	FMS	Tue, Wed 9/11,9/12	EB, WB	TV
8	I-17	Camelback Rd. and Indian School Rd.	FMS	Tue, Wed 9/11,9/12	EB, WB	TV
9	I-17	Northern Ave. and Glendale Ave.	FMS	Tue, Wed 9/11,9/12	EB, WB	TV, Class
10	US-60	Cooper Rd. and Gilbert Rd.	ATD	Thurs, 9/13	Both	TV
11	US-60	Country Club Dr. and Mesa Dr.	ATD	Thurs, 9/13	Both	TV, Class
12	US-60	I-10 and Priest Rd.	ATD	Thurs, 9/13	Both	TV
13	I-10	SR-202 and Van Buren St.	FMS	Thurs,Tue 9/13,9/18	NB, SB	TV
14	I-10	7 th St. and 16 th St.	FMS	Thurs,Tue 9/13,9/18	EB, WB	TV by Lane

15	I-10	19 th Ave. and 7 th Ave.	FMS	Thurs,Tue 9/13,9/18	EB, WB	TV
16	I-10	35 th Ave. and 27 th Ave.	FMS	Thurs,Tue 9/13,9/18	EB, WB	TV by Lane, Class
17	I-10	59 th Ave. and 51 st Ave.	FMS	Thurs,Tue 9/13,9/18	EB, WB	TV
18	I-10	83 rd Ave. and 75 th Ave.	FMS	Thurs,Tue 9/13,9/18	EB, WB	TV, Class
19	SR-101 (E)	Guadalupe Rd. and Elliot Rd.	ATD	Wed, 9/19	Both	TV
20	SR-101 (E)	Broadway Rd. and Southern Ave.	ATD	Wed, 9/19	Both	TV by Lane, Class
21	SR-202	Dobson Rd. and Alma School Rd.	ATD	Wed, 9/19	Both	TV
22	SR-202	32 nd St. and 40 th St.	FMS	Wed,Thurs 9/19,9/20	EB, WB	TV
23	SR-51	Thomas Rd. and McDowell Rd.	FMS	Wed,Thurs 9/19,9/20	NB, SB	TV by Lane
24	SR-51	Colter Rd. and Camelback Rd.	FMS	Wed,Thurs 9/19,9/20	NB, SB	TV, Class
25	SR-51	Shea Blvd. and Northern Ave (closest)	FMS	Wed,Thurs 9/19,9/20	NB, SB	TV
26	SR-51	Cactus Rd. and Shea Blvd.	FMS	Wed,Thurs 9/19,9/20	NB, SB	TV
27	SR-51	Bell Rd and Greenway Rd	FMS	Wed,Thurs 9/19,9/20	NB, SB	TV
28	SR-101 (E)	SR-202 and University Dr.	ATD	Wed, 9/12	Both	TV

29	SR-101 (E)	McKellips Rd. and SR-202	ATD	Wed, 9/12	Both	TV by Lane, Class
30	SR-101 (E)	Indian School Rd. and Thomas Rd.	ATD	Wed, 9/12	Both	TV
31	SR-101 (W)	Indian School Rd. and Thomas Rd.	ATD	Tue, 9/19	Both	TV
32	I-17	Greenway Rd. and Thunderbird Rd.	ATD	Tue, 9/19	Both	TV, Class
33	I-17	Carefree Hwy and Happy Valley Rd.	ATD	Tue, 9/19	Both	TV
34	SR-202	Center Pkwy. and Scottsdale Rd.	ATD	Thurs 9/20	Both	TV
35	SR-143	University Dr. and I-10	FMS	Tue, Wed 9/25,9/26	NB, SB	TV
36	SR-143	SR-202 and Van Buren St.	FMS	Tue, Wed 9/25,9/26	NB, SB	TV

System Interchange Camera Site Locations						
Site #	To	From	Camera Type	Date	Direction	Data
37	US-60 on ramp	I-10 SB	ATD	Thurs, 9/20	EB ramp	TV
38	I-10 on ramp NB	US-60 WB	ATD	Thurs, 9/20	NB ramp	TV
39	I-10 on ramp SB	US-60 WB	ATD	Thurs, 9/20	SB ramp	TV
40	US-60 on ramp WB	SR-101 SB	ATD	Thurs, 9/20	WB ramp	TV
41	I-10 on	I-17	FMS	Tue, Wed	EB ramp	TV

	ramp EB	NB and SB		9/25,9/26		
42	I-10 on ramp WB	SR-51 WB	FMS	Tue, Wed 9/25,9/26	WB ramp	TV
43	SR-51 and SR-202	I-10 off ramp EB	FMS	Tue, Wed 9/25,9/26	EB ramp	TV
44	SR-202 on ramp WB	SR-101 WB	ATD	Thurs, 9/20	WB ramp	TV

Mainline Tube Site Locations:

Site #	Fwy	Between	Date	Direction	Data
45	I-10	Oglesby Rd. and Miller Rd.		Both	TV
46	I-10	East of Miller Rd.		None – duplicate station	
47	I-10	West of Jackrabbit Rd.		Both	TV
48	I-10	Jackrabbit Tr. and Citrus Rd.		Both	TV
49	I-10	Cotton Lane and Estrella Pkwy.		Both	TV
50	I-10	Litchfield Rd. and Dysart Rd.		Both	Tv
51	I-10	115 th Ave. and 107 th Ave.		Both	TV
52	I-10	SR-101 and 91 st Ave.		Both	TV
53	SR-101	I-10 and Thomas Rd.		Both	TV
54	SR-101	Camelback Rd. and Glendale Ave.		Both	TV

55	I-17	SR-101 and Deer Valley Dr.		Both	TV
56	SR-101	I-17 and 19 th Ave.		Both	TV
57	I-17	Carefree Hwy. and Pioneer Rd.		Both	TV
58	I-17	Pioneer Rd. and Anthem Way		Both	TV
59	I-17	New River Rd. and Anthem Way		Both	TV
60	SR-101	7 th St. and Cave Creek Rd.		Both	TV
61	SR-101	Cave Creek Rd. and Tatum Blvd.		Both	TV
62	SR-101	Tatum Blvd. and Scottsdale Rd.		Both	TV
63	SR-101	Frank Lloyd Wright Blvd. and Cactus Rd.		Both	TV
64	SR-101	Shea Blvd. and Via De Ventura		Both	TV
65	SR-101	Indian Bend Rd. and McDonald Dr.		SB	TV
66	US-60	Val Vista Dr. and Greenfield Rd.		Both	TV
67	US-60	East of Goldfield Rd.		Both	TV
68	I-10	Maricopa Rd. and Queen Creek Rd.		Both	TV
69	I-10	North of Riggs Rd.		Both	TV

System Interchange Tube Site Locations					
Site #	To	From	Date	Direction	Data
70	I-10 on ramp SB	Baseline Rd.		SB	TV
71	Baseline Rd.	I-10 off ramp NB		NB	TV
72	US-60 on ramp EB	I-10 off ramp NB		NB	TV
73	I-10 on ramp NB	Baseline Rd.		NB	TV
74	US-60 on ramp EB	Baseline Rd.		EB	TV
75	Baseline Rd.	I-10 off ramp SB		SB	TV
76	Broadway Rd.	I-10 off ramp NB		NB	TV
77	I-10 on ramp SB	Broadway Rd.		SB	TV
78	I-10 on ramp WB	Broadway Rd.		WB	TV
79	SR-143 on ramp NB	I-10 off ramp WB		NB	TV
80	I-10 on ramp SB	SR-143 off ramp SB		SB	TV
81	Broadway Rd.	I-10 off ramp SB		SB	TV
82	US-60 on ramp WB	SR-101 off ramp SB		WB	TV
83	SR-101 on ramp SB	US-60 off ramp EB		SB	TV
84	US-60 WB and EB on ramps	SR-101 off ramp NB		NB	TV
85	SR-101 on ramp NB	US-60 off ramp EB		EB	TV
86	US-60 on ramp EB	SR-101 off ramp NB		EB	TV
87	SR-101 on ramp NB	US-60 off ramp WB		WB	TV
88	SR-101 on ramp SB	US-60 off ramp WB		WB	TV
89	US-60 on ramp WB	SR-101 off ramp NB		WB	TV
90	McClintock Dr.	US-60 off ramp WB		WB	TV
91	I-10 on ramp WB	I-17 off ramp SB		WB	TV
92	I-17 on	I-10 off		EB	TV

	ramp NB	ramp EB			
93	I-10 EB and WB on ramps	I-17 off ramp SB		SB	TV
94	I-10 off ramps	I-17 on ramps NB		NB	TV
95	I-17 on ramp SB	I-10 off ramp EB		SB	TV
96	19 th Ave.	I-17 off ramp NB		NB	TV
97	I-17 on ramp SB	19 th Ave.		SB	TV
98	I-17 on ramp SB	I-10 off ramps		SB	TV
99	I-10 on ramps	I-17 off ramp NB		NB	TV
100	I-17 on ramps	I-10 off ramp WB		WB	TV
101	I-10 WB HOV	SR-202 WB HOV		WB	TV
102	SR-202 EB HOV	I-10 EB HOV		EB	TV
103	I-10 on ramp SB	SR-51 SB		SB	TV
104	SR-51 and SR-202 on ramps	I-10 off ramp NB		NB	TV
105	SR-202 on ramp EB	SR-51 and I-10 off ramps		EB	TV
106	SR-202 EB	I-10 off ramp EB		EB	TV
107	SR-51 on ramp NB	SR-202 off ramp WB		WB	TV
108	SR-51 on ramp NB	SR-202 and I-10 off ramps		NB	TV
109	SR-51 NB	I-10 off ramp NB		NB	TV
110	I-10 on ramp WB	SR-202 off ramp WB		WB	TV
111	I-10 on ramp WB	SR-51 off ramp SB		WB	TV
112	SR-101 on ramp SB	SR-202 off ramps		SB	TV
113	SR-202 on ramps	SR-101 off ramp NB		NB	TV
114	SR-101	8 th St.		NB	TV

	NB				
115	8 th St.	SR-101 SB		SB	TV
116	SR-101 on ramps	SR-202 off ramp EB		EB	TV
117	SR-202 on ramp EB	SR-101 off ramps		EB	TV
118	SR-101 on ramps	SR-202 off ramp WB		WB	TV
119	SR-101 on ramp NB	SR-202 off ramps		NB	TV
120	SR-202 on ramps	SR-101 off ramp SB		SB	TV
121	SR-202 on ramp WB	SR-143 off ramps		WB	TV
122	SR-143 on ramps	SR-202 off ramp EB		EB	TV
123	SR-143 on ramp SB	SR-202 off ramp EB		SB	TV
124	SR-202 on ramp WB	SR-143 off ramp NB		NB	TV
125	SR-143 on ramp NB	SR-202 off ramp EB		NB	TV
126	SR-202 on ramp WB	SR-143 off ramp SB		SB	TV
127	I-17 on ramp SB	SR-101 off ramps		SB	TV
128	SR-101 on ramps	I-17 off ramp NB		NB	TV
129	I-17 on ramps	SR-101 off ramp EB		EB	TV
130	SR-101 off ramp WB	I-17 off ramps		WB	TV
131	SR-101 on ramps	I-17 off ramp SB		SB	TV
132	I-17 on ramp NB	SR-101 off ramps		NB	TV
133	I-17 on ramps	SR-101 off ramp WB		WB	TV
134	SR-101 on ramp EB	I-17 off ramps		EB	TV
135	SR-101 on ramp NB	I-10 off ramp EB		EB	TV
136	I-10 on ramp WB	SR-101 off ramp SB		WB	TV
137	SR-101 on ramp NB	I-10 off ramp WB		WB	TV
138	I-10 on ramp EB	SR-101 off ramp SB		EB	TV

ADOT Mainline Loop Site Locations					
Site #	Fwy	Between	Date	Direction	Data
145	SR-101	Olive Ave. and Northern Ave.		Both	TV
146	SR-101	Bell Rd. and Thunderbird Rd.		Both	TV
147	SR-101	67 th Ave. and 75 th Ave.		Both	TV
148	SR-101	35 th Ave. and 51 st Ave.		Both	TV
149	I-17	Cactus Rd. and Peoria Ave.		Both	TV
150	I-17	Carefree Hwy and Happy Valley Rd.		Both	TV
151	I-10	Warner Rd. and Ray Rd.		Both	TV
152	I-10	Guadalupe Rd. and Baseline Rd.		Both	TV
153	SR-101	Warner Rd. and Ray Rd.		Both	TV
154	US-60	SR-101 and McClintock Rd.		Both	TV
155	US-60	Dobson Rd. and SR-101		Both	TV
156	US-60	Power Rd. and Sossaman Rd.		Both	TV
157	US-60	Ellsworth Rd. and Crismon Rd.		Both	TV
158	US-60	Ironwood		Both	TV

		Dr. and Signal Butte Rd.			
159	SR-101	McDowell Rd. and McKellips Rd.		Both	TV
160	SR-101	Chaparral Rd. and Indian School Rd.		Both	TV
161	SR-101	Indian Bend Rd. and McDonald Dr.		Both	TV